

Fig. 1a

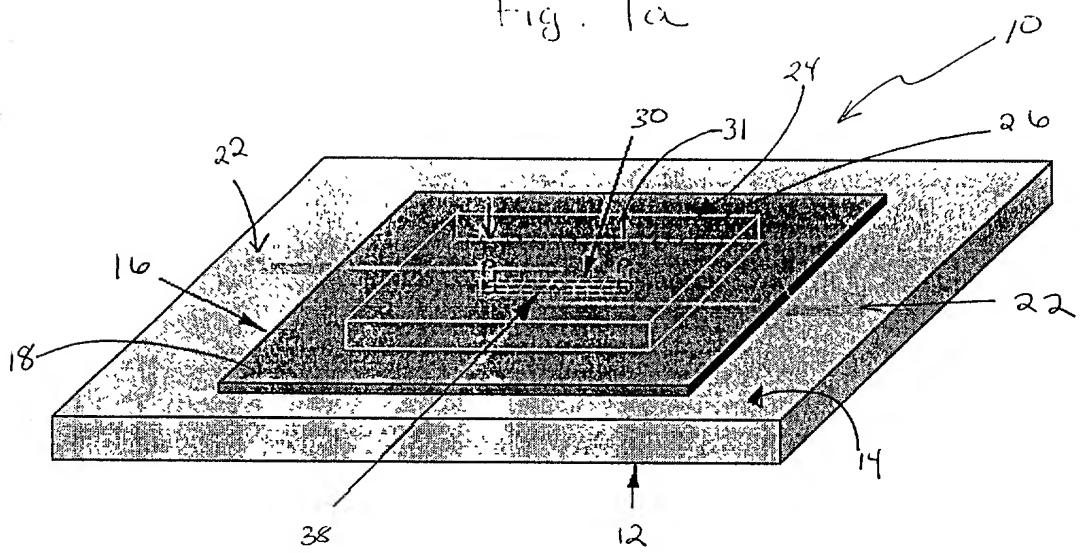
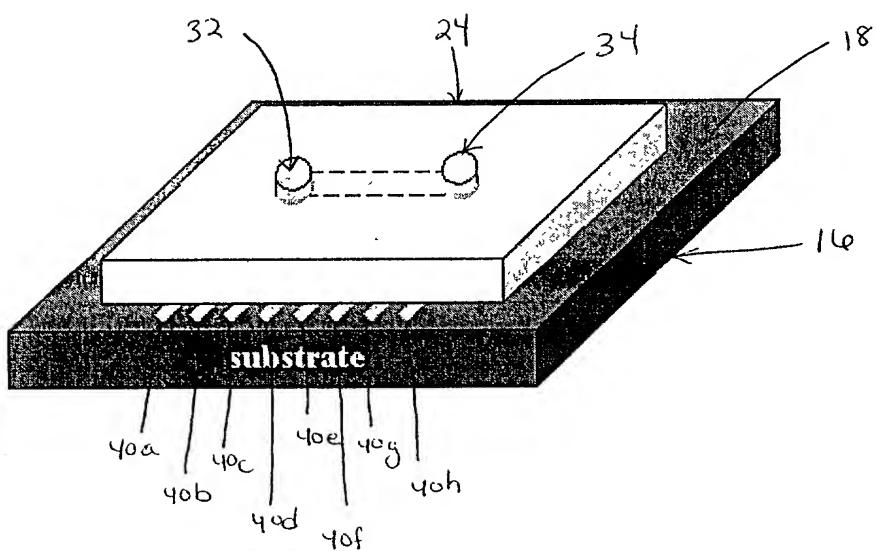


Fig 1b



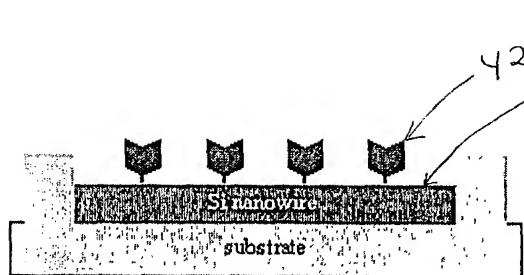


Figure 2a

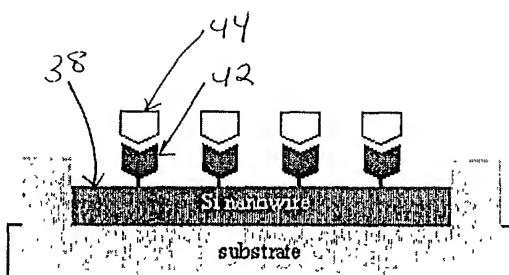


Figure 2b

Fig. 3a

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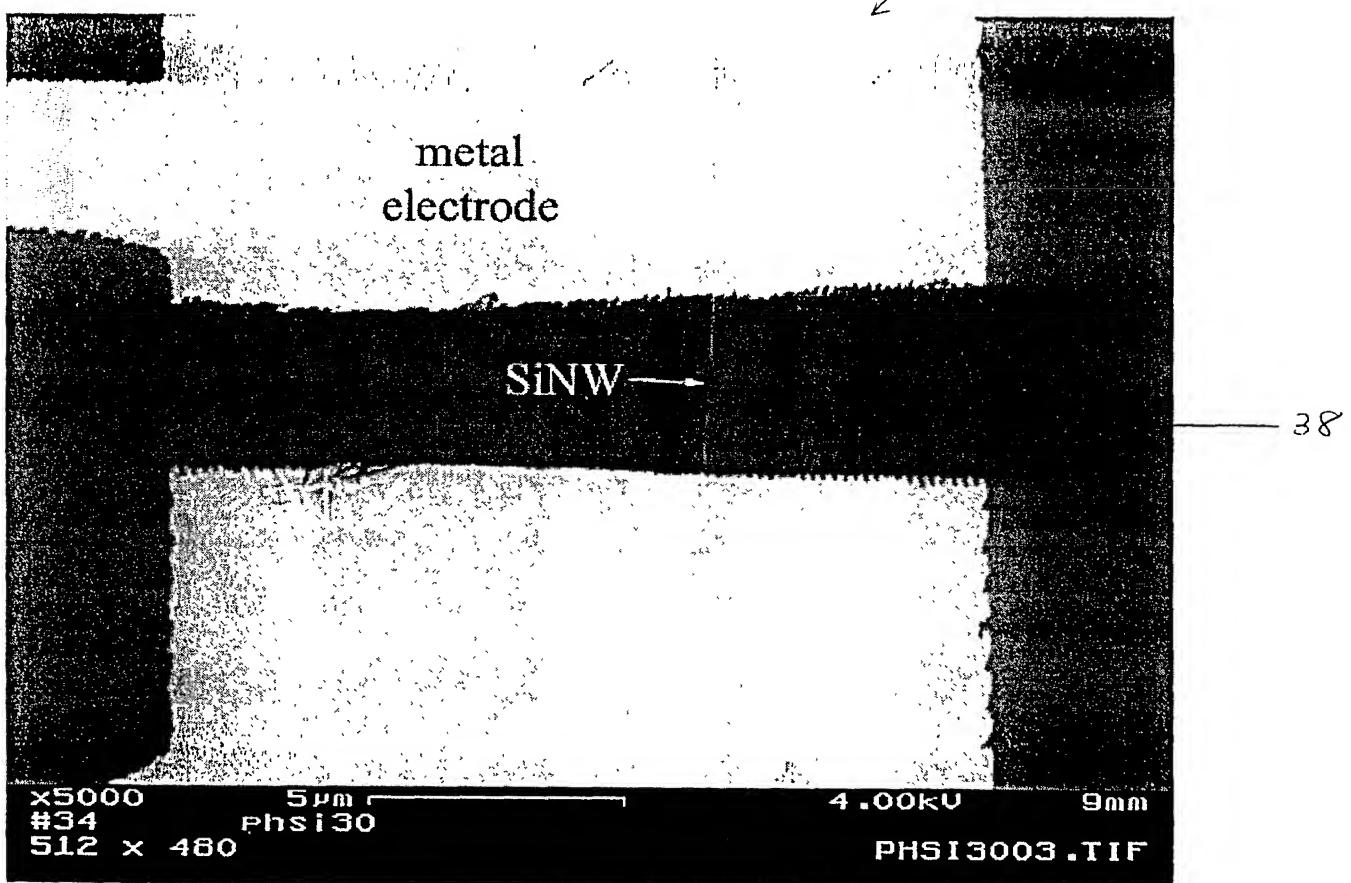


Fig 3b

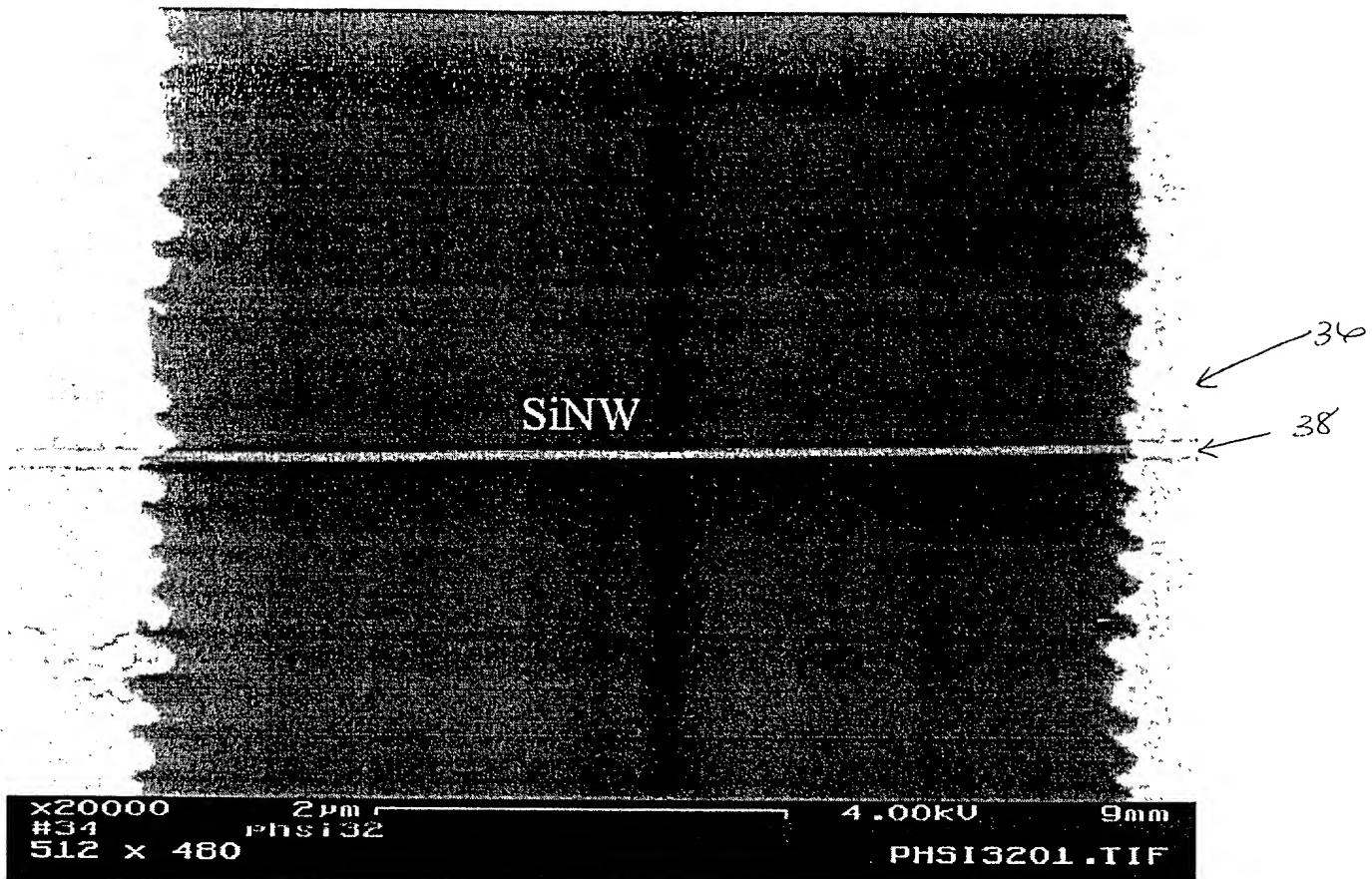


Fig. 4b

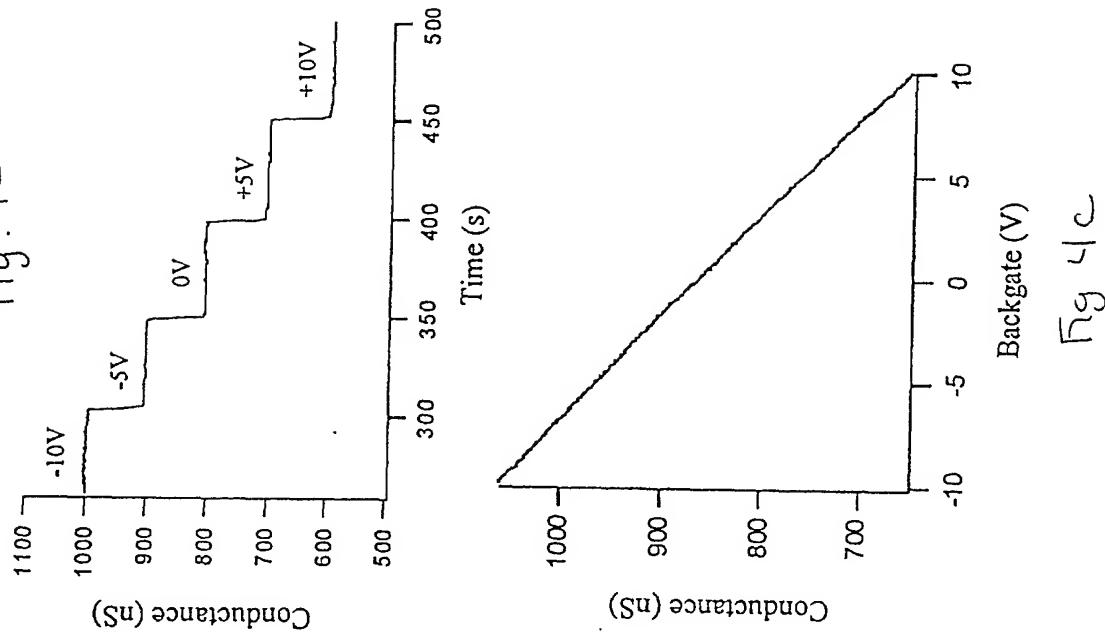


Figure 4a

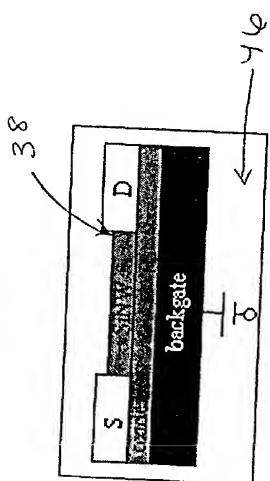


FIG. 5a

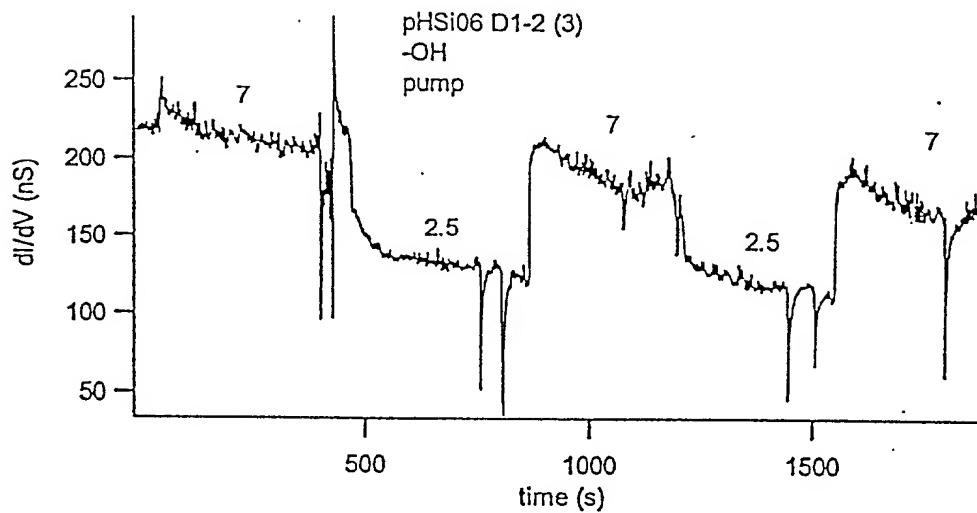


FIG. 5b

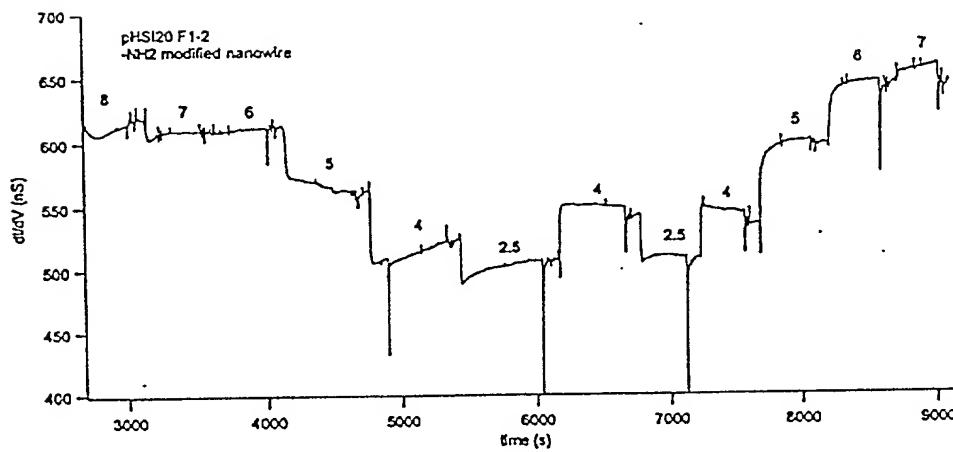


FIG. 6

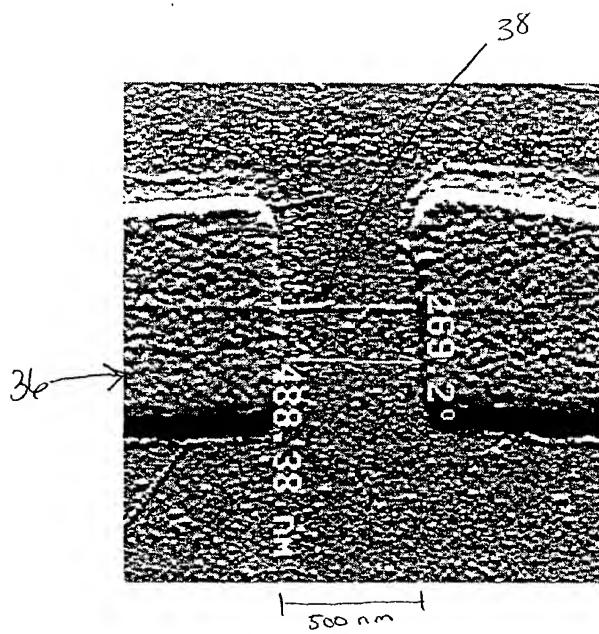
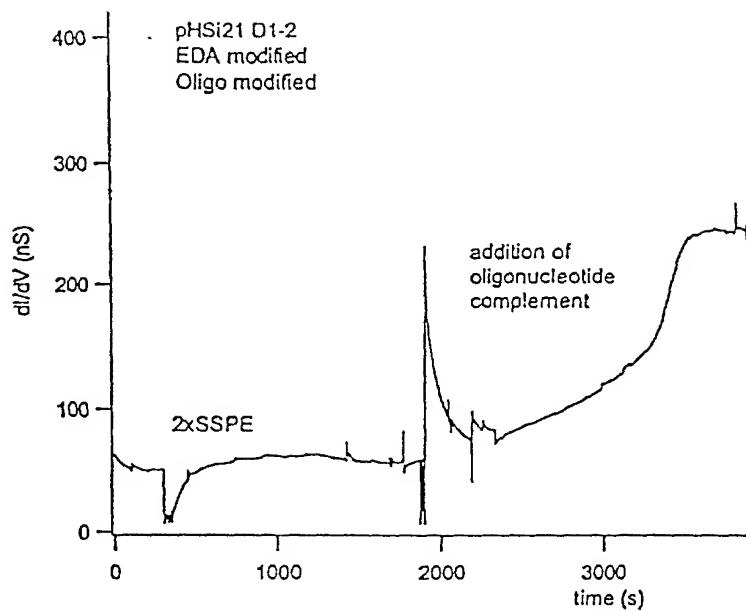


Fig. 7

FIG. 8c

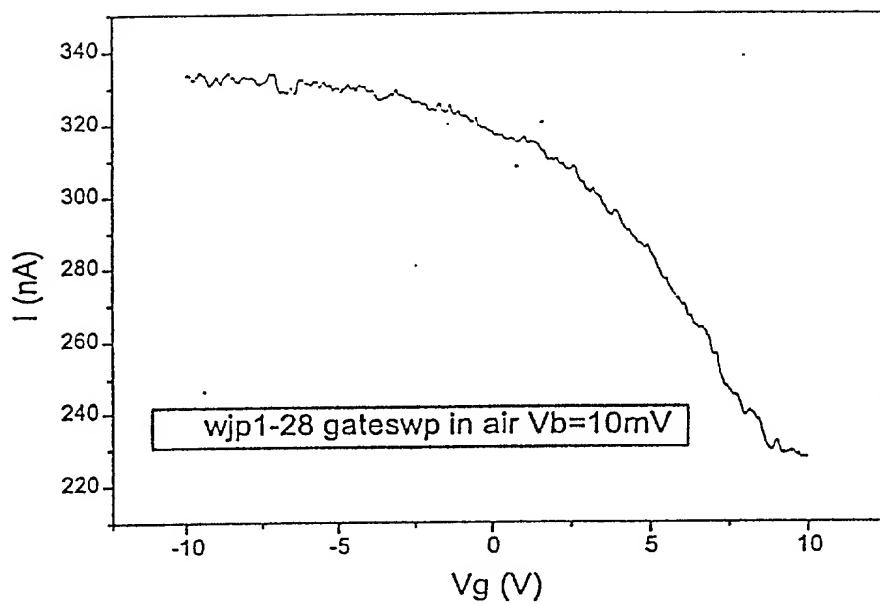


FIG. 8b

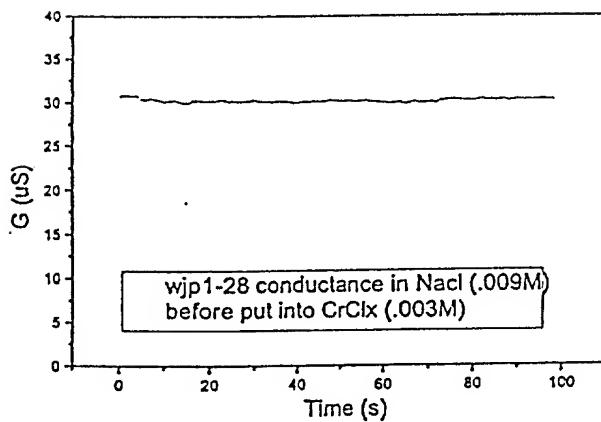


FIG. 8c

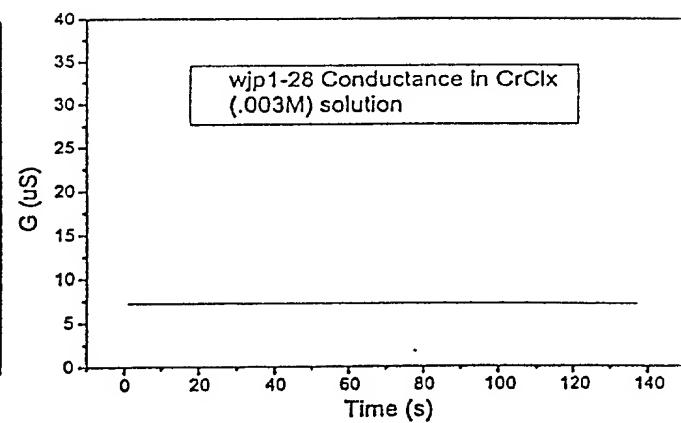


Fig 9A

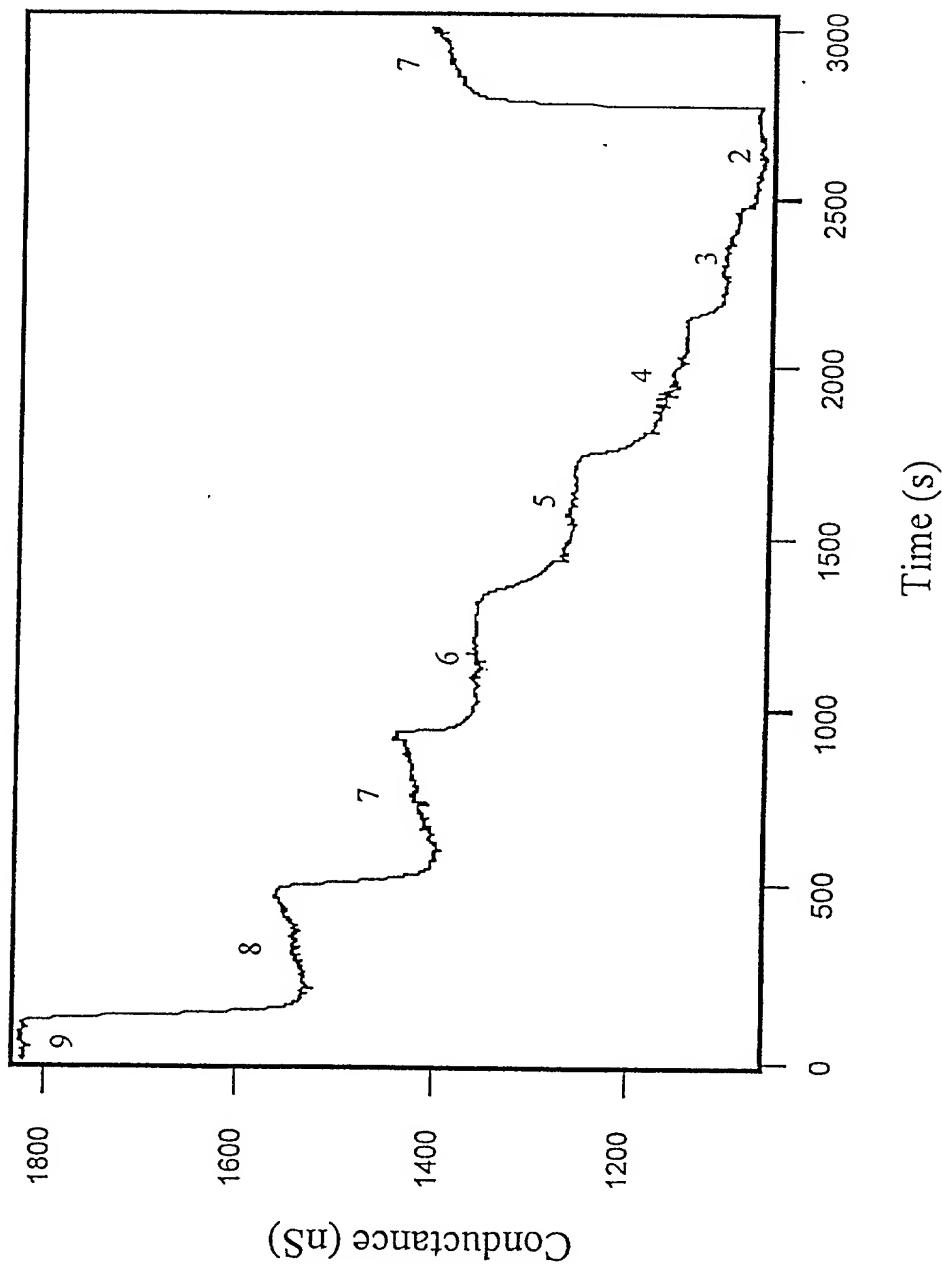


Fig 9b

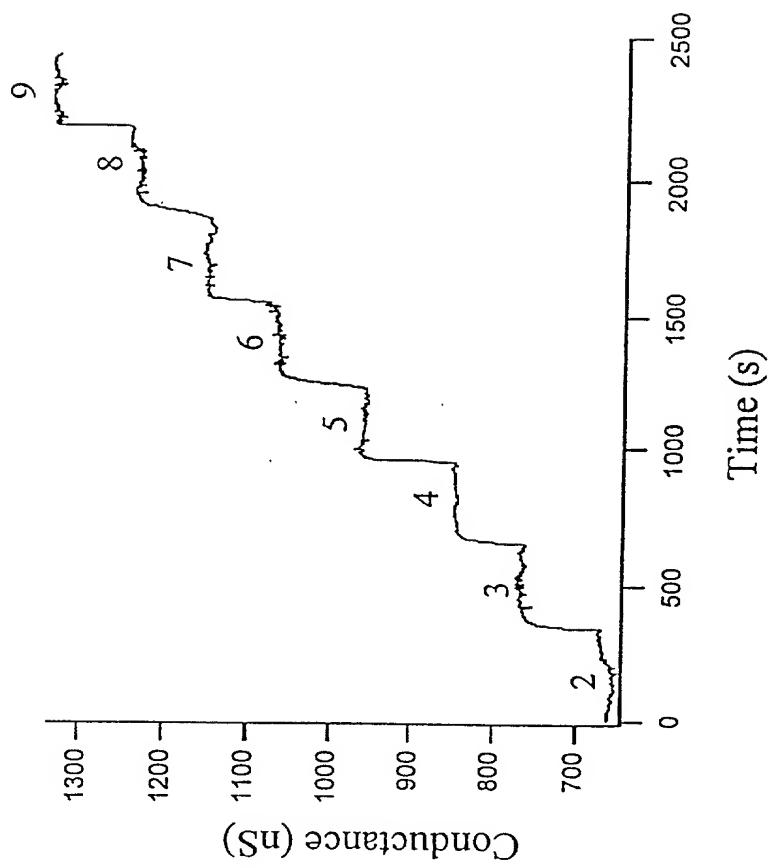


Fig. 9C

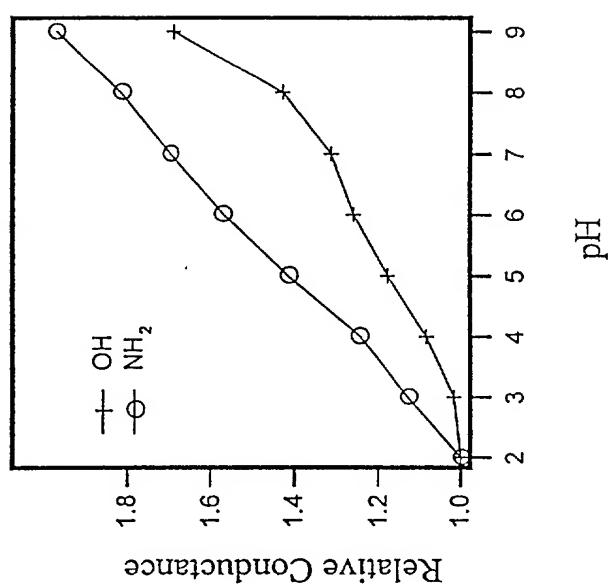


Fig. 10a

Fig. 10a shows conductance vs time for 250 nM streptavidin.

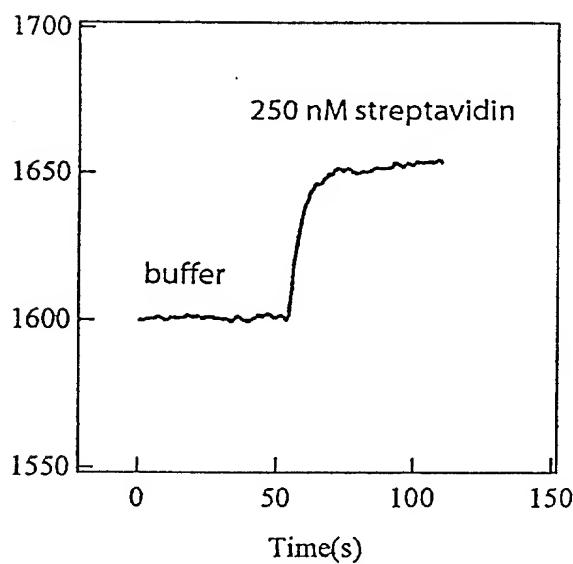


Fig. 10b.

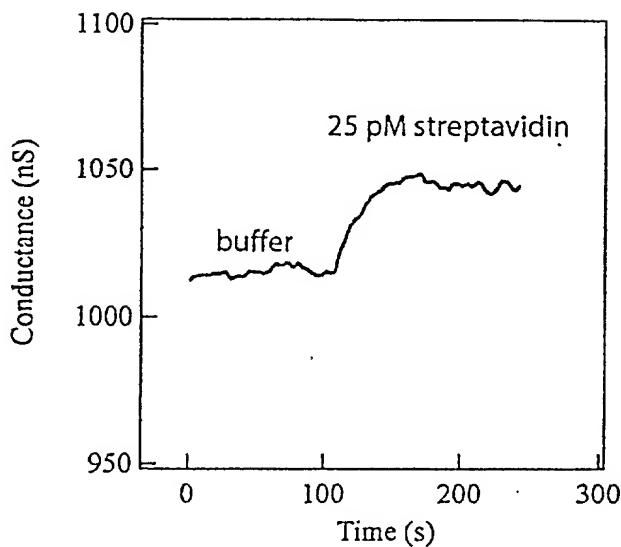


Fig. 10c

Fig. 10c shows conductance vs time for streptavidin alone.

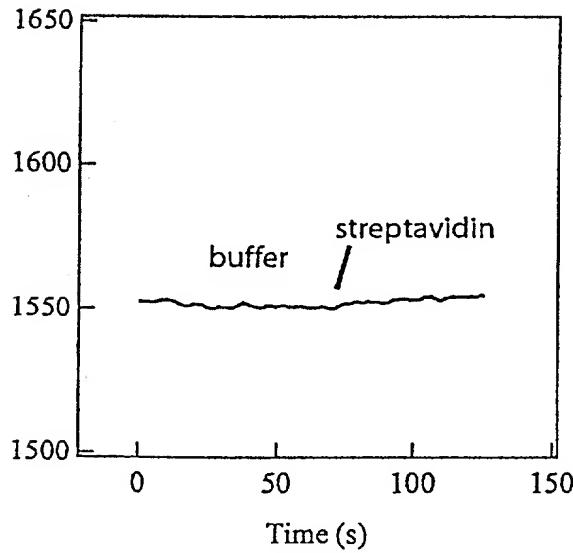


Fig. 10d

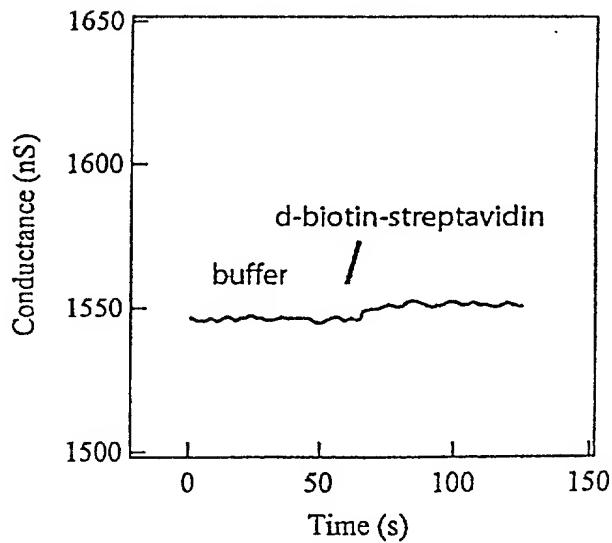


Fig 10e

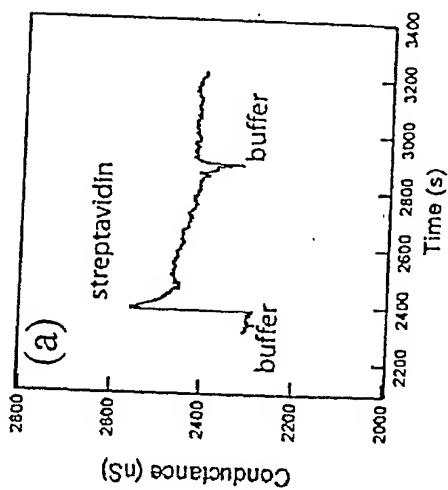


Fig 10f

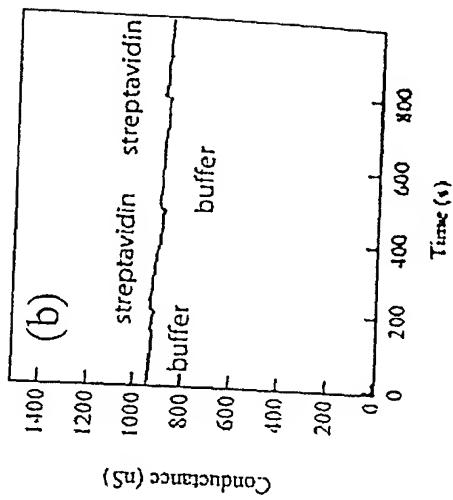


Fig 11a

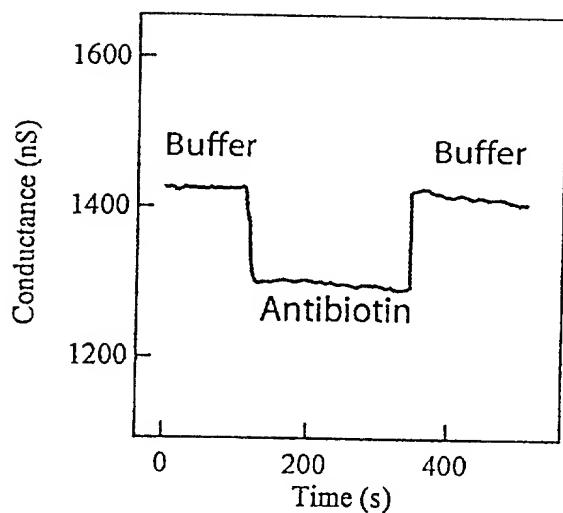


Fig 11b

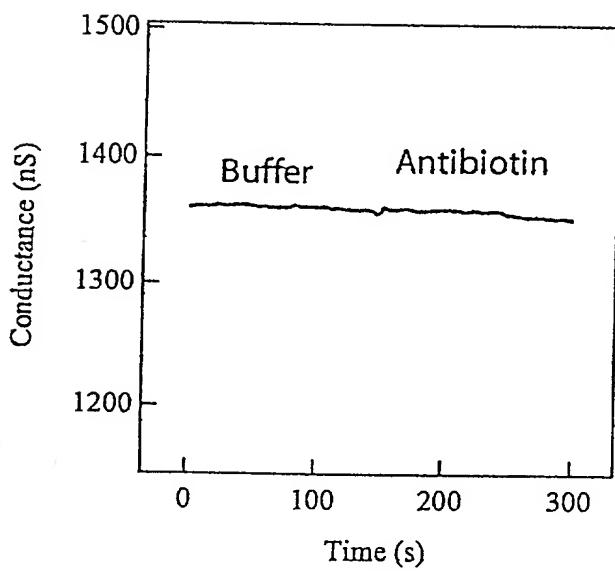


Fig 11c

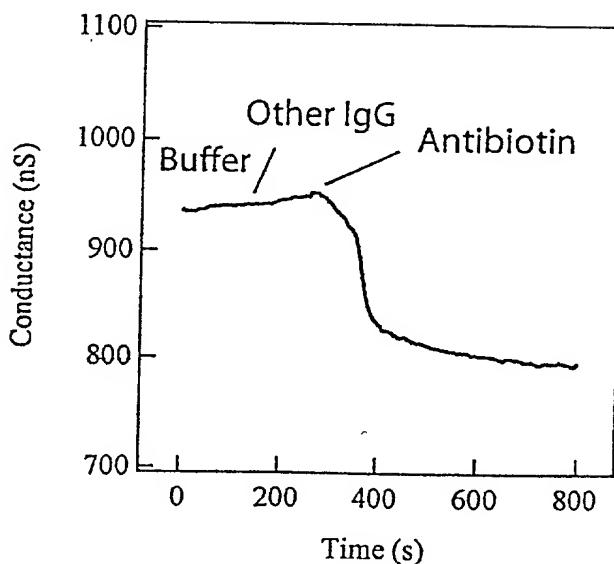


Fig 12a

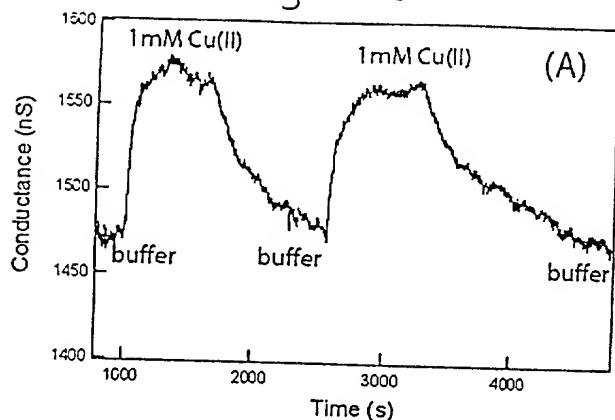


Fig 12b

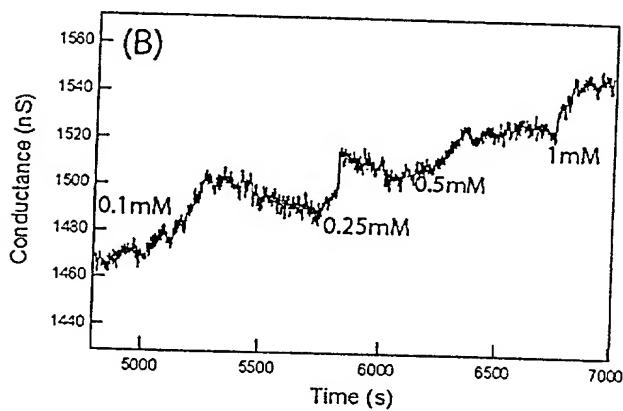


Fig 12c

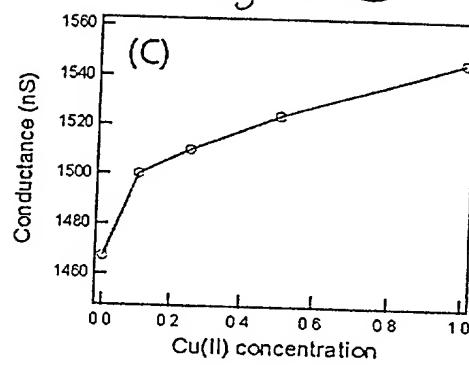


Fig 12d

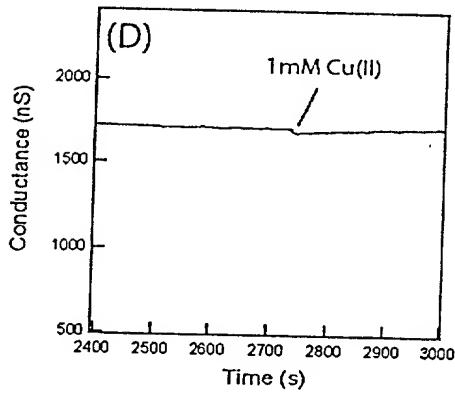
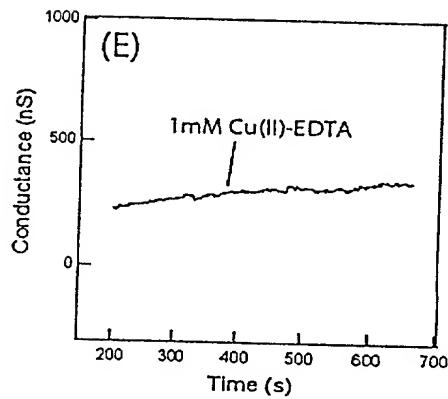


Fig 12e



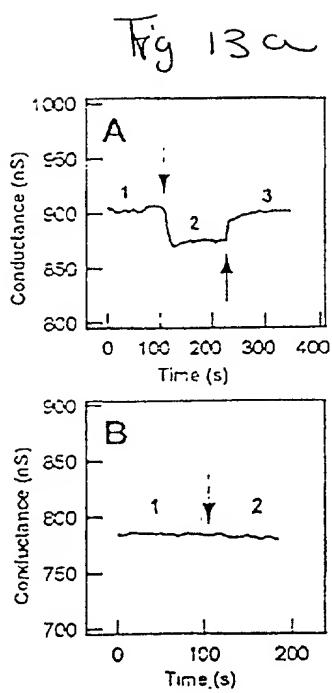


Fig 13b

Sensitivity dependent on doping and size of nanowires

Threshold doping density for single charge detection

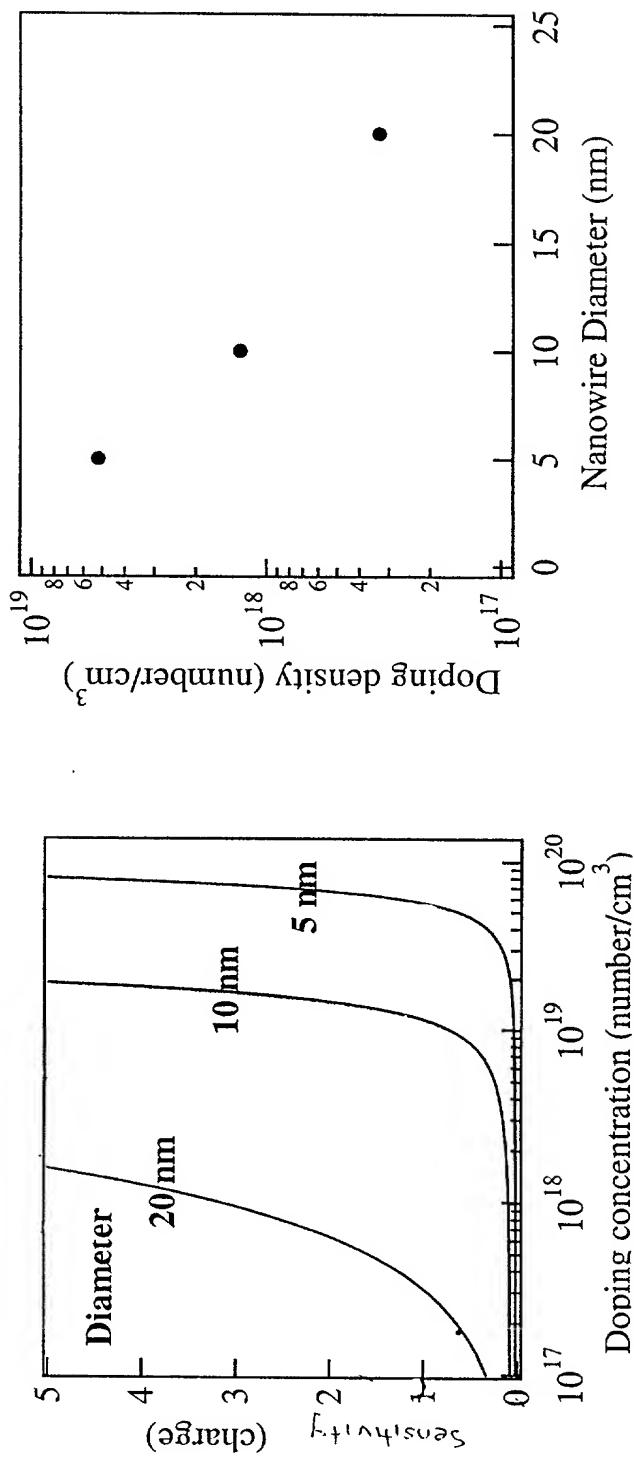


Fig 14 b

Fig 14 a

InP pH Sensor

Docket No.: H0498/7164
Title: NANONSENSORS
Inventor: Charles Lieber et al.

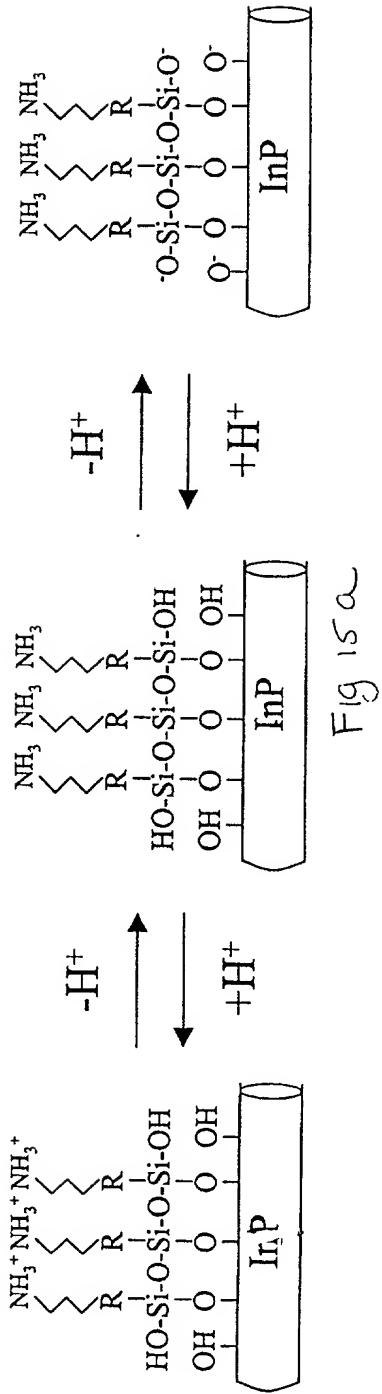


Fig 15 a

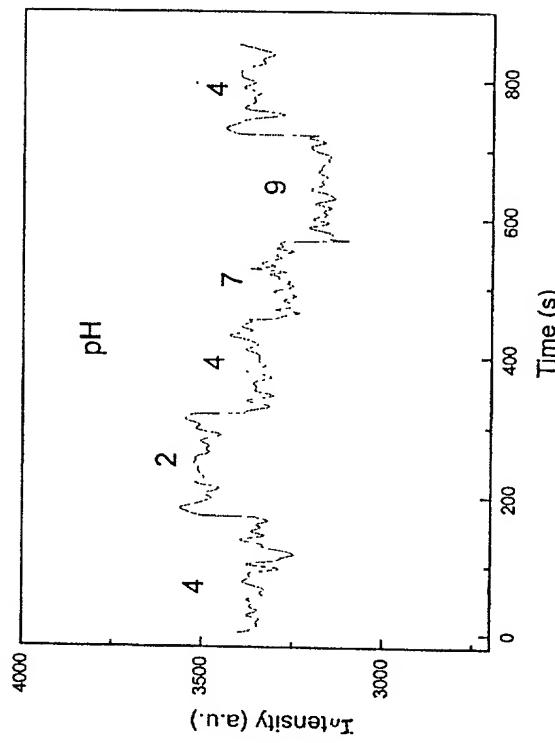


Fig 15 b

Fig. 16 a

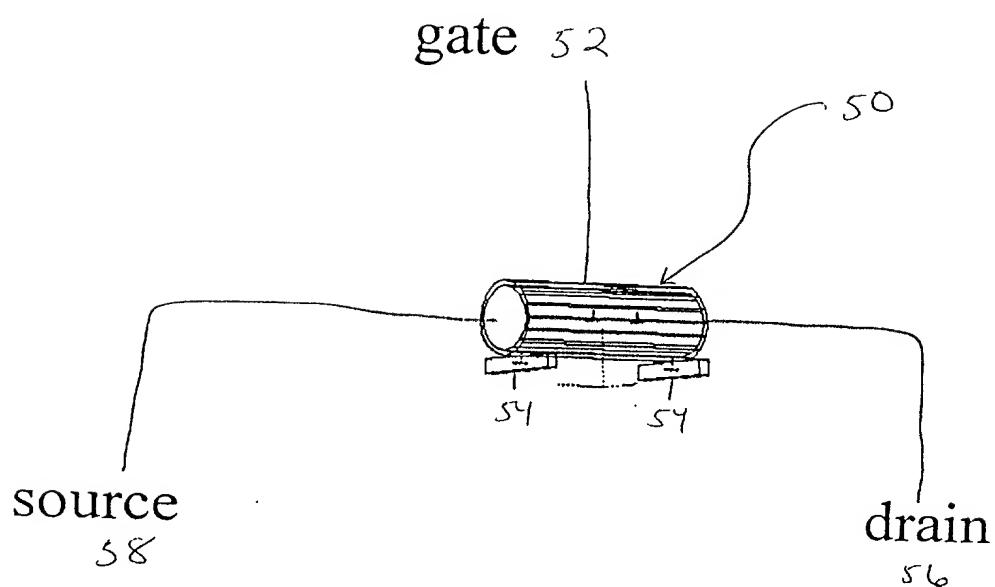


Fig. 16 b

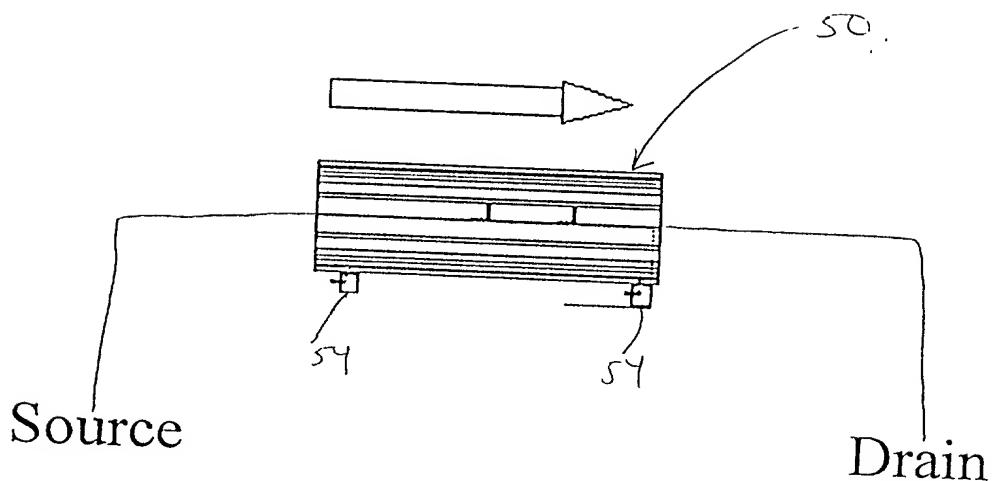


Fig. 16 c

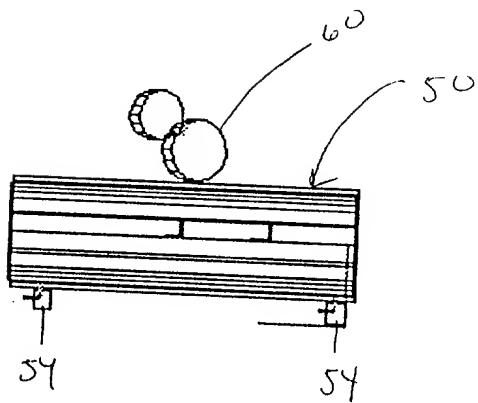


Fig. 16 d

